

GTCATCGAAG CCTACAAGGC CCTCCGTGAC CGANCTCCCT ATCCTCCAG CTCATGCTC 420
 GCACACCTTA TTGGCAACTT CGCCTTCGTG CTCTTCGACA AGTCCACATC ATCCATCCTT 480
 5 GTTTGCATCT GACCCANATG GAAAAATGCC TTGTCTCTGG GGGATCACTG CANATGGATG 540
 CCTTGCCCTT GCTGACNATC TANACTTGCT GAAGGGATCG TCGGGGAANT CACTTGACACA 600
 10 TTCCCTGAAN GATGTTACTA TTCCAATGCC TTGGGGGGGC TGAAAAANCTA TGAAAAACCA 660
 ANCACAAGGT GACTGCTGTC TTGAANATAA AGAAAAATTT TTTGTGCCCC TTCAAGGTT 720
 GAANGATCTG CATTCCTGCG GCACCCCTN ATCNAGGAAC NTCNTNCCAA TGTGGGGCA 780
 15 AATATCCTCT TTAANAACAT AAAA 804

(2) INFORMATION FOR SEQ ID NO: 57:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 803 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: cDNA

(vii) IMMEDIATE SOURCE:
 (B) CLONE: U-D64

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 57:

35 GGCACGAGG ATTATAAAAA GAAACTCGCA CTCAGCCAGA TGACTCAAG CATGAAGGTT 60
 GCATCTTTCG AATGTTCTT TTTTTTCAA CATCTTTTGA ATGTTACATG ACAATCATGA 120
 CGCGGTGCAT ACAATGATAC CTCTGATAGG GTTGAATGCA CAAACCACTC ATCGTGCTAT 180
 40 ATTGCAAGTG CTTATGTTG TATTCATTTT CTTATAATTT CAATGTGAGA GTTACCTTAG 240
 GTTCATATTA GATTATATA ATATTGGGCA TAGATTTTTT TGTCATTGTT TGTGATCTGC 300
 45 AATTTCAATTA GGTACATGAC CATATTATGG TAAATTTAAT TTACTAAATT ATATCTTGAG 360
 TTTATGCTT TGCATATTTT GTGCTGGAAA CCATGCCAAT CCAACTCCTT TGCAAAACTT 420
 50 AAGATAATTA AAGGAGATAT TGAGGATGCC GACTGCTTTA GGTTATTGTC ATTANACAAT 480
 AAACGCCCGT GAATGGAAG TCATGCNAAG CTTTGCATGG AGAATATGTT NATAGANATA 540
 GACATGAAGA CATGAATATG CTTTCTTGAT GAACAACGAA GTTCACNIGT TTACTGCATG 600
 55 CATGATACAT CCAATGTCTT AGGCTTGTTA GGCAACCTTT ATCCAAAAAA TTGCTGTAC 660
 TCTCCCCCAT AAGSTAAGCC TGTGAAAAAT GTTCACTTTG GGCCNNATGA TCAGTTTANC 720
 60 CGAAAAATCC CTTTCTTAT TTGTTTCTG AAACNCNTTG GAAANANATT CCTTACATAC 780
 CTTTTCACN NANATNTTGA ACC 803